

PART 72—HEALTH STANDARDS FOR COAL MINES

Subpart A—General

Sec.

72.1 Scope.

Subparts B—D [Reserved]

Subpart E—Miscellaneous

72.610 Abrasive blasting.

72.620 Drill dust control at surface mines and surface areas of underground mines.

72.630 Drill dust control at underground areas of underground mines.

72.710 Selection, fit, use, and maintenance of approved respirators.

AUTHORITY: 30 U.S.C. 811, 813(h), 957, 961.

SOURCE: 59 FR 8327, Feb. 18, 1994, unless otherwise noted.

Subpart A—General

§ 72.1 Scope.

The health standards in this part apply to all coal mines.

Subparts B—D [Reserved]

Subpart E—Miscellaneous

§ 72.610 Abrasive blasting.

(a) *Surface and underground mines.* When an abrasive blasting operation is performed, all exposed miners shall properly use respirators approved for abrasive blasting by NIOSH under 42 CFR part 84, or the operation shall be performed in a totally enclosed device with the miner outside the device.

(b) *Underground areas of underground mines.* Silica sand or other materials containing more than 1 percent free silica shall not be used as an abrasive substance in abrasive blasting.

[59 FR 8327, Feb. 18, 1994, as amended at 60 FR 30401, June 8, 1995]

§ 72.620 Drill dust control at surface mines and surface areas of underground mines.

Holes shall be collared and drilled wet, or other effective dust control measures shall be used, when drilling non-water-soluble material. Effective dust control measures shall be used when drilling water-soluble material.

§ 72.630 Drill dust control at underground areas of underground mines.

(a) Dust resulting from drilling in rock shall be controlled by use of permissible dust collectors, or by water, or water with a wetting agent, or by ventilation, or by any other method or device approved by the Secretary that is as effective in controlling the dust.

(b) *Dust collectors.* Dust collectors shall be maintained in permissible and operating condition. Dust collectors approved under Part 33—Dust Collectors for Use in Connection with Rock Drilling in Coal Mines of this title or under Bureau of Mines Schedule 25B are permissible dust collectors for the purpose of this section.

(c) *Water control.* Water used to control dust from drilling rock shall be applied through a hollow drill steel or stem or by the flooding of vertical drill holes in the floor.

(d) *Ventilation control.* To adequately control dust from drilling rock, the air current shall be so directed that the dust is readily dispersed and carried away from the drill operator or any other miners in the area.

§ 72.710 Selection, fit, use, and maintenance of approved respirators.

In order to ensure the maximum amount of respiratory protection, approved respirators shall be selected, fitted, used, and maintained in accordance with the provisions of the American National Standards Institute's "Practices for Respiratory Protection ANSI Z88.2-1969," which is hereby incorporated by reference. This publication may be obtained from the American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018, and may be inspected at any Coal Mine Health and Safety district and subdistrict office, or at MSHA's Office of Standards, 4015 Wilson Boulevard, Arlington, VA, and at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

[60 FR 30401, June 8, 1995]